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# TRADE IN GRAIN FUTURES

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Grain Trade Association  
of San Francisco Cham-  
ber of Commerce

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509 Federal Office Bldg.  
Markets supervised: Seattle Grain Exchange  
Portland Grain Exchange

Table 1. WHEAT: Daily volume of trading (sales)  
Chicago Board of Trade, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)

Date	F U T U R E			All Wheat Futures
	May	July	Sept.	
March, 1935				
1	4,969	2,269	1,234	8,472
2	3,784	2,038	872	6,694
Sunday				
4	4,764	2,959	892	8,615
5	8,175	2,938	857	11,970
6	17,874 H	7,839	2,058	27,771 H
7	8,282	2,830	1,211	12,323
8	3,671 L	1,851 L	773	6,295 L
9	4,773	2,252	566 L	7,591
Sunday				
11	14,959	6,375	2,299	23,633
12	10,294	4,634	1,313	16,241
13	7,753	3,055	1,150	11,958
14	9,065	3,509	906	13,480
15	12,483	5,064	1,849	19,396
16	7,491	3,417	1,400	12,308
Sunday				
18	13,499	5,406	2,082	20,987
19	6,763	3,122	930	10,815
20	10,848	6,040	2,174	19,062
21	13,605	8,060 H	3,360 H	25,025
22	12,818	5,793	1,827	20,438
23	6,156	3,315	1,040	10,511
Sunday				
25	7,379	4,491	1,116	12,986
26	5,276	3,693	1,083	10,057
27	8,644	6,765	2,216	17,625
28	6,080	4,520	1,524	12,124
29	4,653	3,184	1,309	9,146
30	4,129	2,250	895	7,274
Sunday				
Total				
March, 1935	218,187	107,669	36,941	362,797
Total				
February, 1935	153,641	64,974	15,164	233,779
Total				
March, 1934	189,665	85,823	31,651	307,139

H-highest; L-lowest.

Table 2. WHEAT: Daily volume of trading (sales)  
all futures combined at four principal  
markets, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)					
Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Kansas City Board of Trade	Duluth(1) Board of Trade	Total
March, 1935					
1	8,472	741	1,144	2	10,359
2	6,694	461	740	4	7,899
Sunday					
4	8,615	538	729	6	9,888
5	11,970	708	1,171	0	13,849
6	27,771 H	1,383	2,024	0 L	31,178 H
7	12,323	914	858	15	14,110
8	6,295 L	418 L	1,151	11	7,275 L
9	7,591	439	588 L	24	8,642
Sunday					
11	23,633	1,542	1,767	39	26,981
12	16,241	1,042	978	11	18,272
13	11,958	722	954	20	13,654
14	13,480	906	1,177	9	15,572
15	19,396	1,312	2,135	19	22,862
16	12,308	672	1,378	9	14,367
Sunday					
18	20,987	1,476	1,512	38	24,013
19	10,815	763	892	64	12,534
20	19,062	982	2,544 H	30	22,618
21	25,025	1,713 H	2,212	75 H	29,025
22	20,438	880	2,225	40	23,583
23	10,511	686	1,134	1	12,332
Sunday					
25	12,986	656	1,322	19	14,983
26	10,057	643	1,056	5	11,761
27	17,625	1,189	1,223	17	20,054
28	12,124	793	2,487	11	15,415
29	9,146	761	1,311	18	11,236
30	7,274	684	1,076	9	9,043
Sunday					
Total, March, 1935	362,797	23,024	35,788	496	422,105
Total, February, 1935	233,779	14,632	24,169	418	272,998
Total, March, 1934	307,139	25,348	23,450	2,740	358,677

H-highest; L-lowest.

(1) All durum.



Table 3. WHEAT: Daily open commitments of Clearing  
Members, Chicago Board of Trade, during  
March, 1935.

(In thousands of bushels, i.e., 000 omitted)

Date	F U T U R E			All Wheat Futures
	May	July	Sept.	
March, 1935				
1	68,732	22,436	5,105	96,273
2	68,749 H	22,525	5,092 L	96,366
Sunday				
4	68,158	22,879	5,138	96,175
5	68,156	23,032	5,248	96,436 H
6	67,464	23,377	5,277	96,118
7	67,160	23,325	5,504	95,989
8	67,053	23,452 H	5,728	96,233
9	66,303	23,432	5,726	95,461
Sunday				
11	65,302	23,273	6,009	94,584
12	64,243	22,842	6,005	93,090
13	63,617	22,721	6,235	92,573
14	63,331	22,541	6,354	92,226
15	62,156	22,495	6,921	91,572
16	61,420	22,530	7,141	91,091
Sunday				
18	59,897	22,336	7,305	89,538
19	59,104	22,267 L	7,319	88,690
20	58,370	22,477	7,689	88,536
21	57,277	22,756	7,792	87,825
22	55,733	22,431	7,808	85,972
23	55,497	22,653	7,863	86,013
Sunday				
25	54,877	22,499	7,877	85,253
26	54,516	22,522	7,934	84,972
27	53,968	22,708	8,169	84,845
28	53,751	22,894	8,243	84,888
29	53,118	23,172	8,458	84,748
30	52,511 L	23,261	8,673 H	84,445 L
Sunday				
Average, March, 1935	61,172	22,801	6,793	90,766
Average, February, 1935	74,811	21,052	3,538	99,402
Average, March, 1934	75,908	33,086	11,677	120,676(1)

H-highest; L-lowest.

(1) Average includes 5 average open commitments December wheat.

Table 4. WHEAT: Daily open commitments of Clearing Members, all futures combined, at four principal markets, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)					
Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Kansas City Board of Trade	Duluth(1) Board of Trade	Total
March, 1935					
1	96,273	10,671	17,041	620	124,605
2	96,366	10,609	17,123	618	124,716
Sunday					
4	96,175	10,617	17,148	616	124,556
5	96,436 H	10,734 H	17,265	616	125,051 H
6	96,118	10,646	17,206	616	124,586
7	95,989	10,546	17,298 H	620	124,453
8	96,233	10,562	16,808	619	124,222
9	95,461	10,548	16,766	623	123,398
Sunday					
11	94,584	10,520	16,836	619	122,559
12	93,090	10,423	16,770	624 H	120,907
13	92,573	10,355	16,722	617	120,267
14	92,226	10,340	16,685	619	119,870
15	91,572	10,290	16,676	611	119,149
16	91,091	10,276	16,412	614	118,393
Sunday					
18	89,538	10,105	16,394	600	116,637
19	88,690	10,088 L	16,273	578	115,629
20	88,536	10,173	16,417	573	115,699
21	87,825	10,278	16,470	576	115,149
22	85,972	10,237	16,305	562	113,076
23	86,013	10,220	16,124	562	112,919
Sunday					
25	85,253	10,228	16,091	552	112,124
26	84,972	10,309	16,043	552	111,876
27	84,845	10,341	15,960	559	111,705
28	84,888	10,374	15,802	557	111,621
29	84,748	10,451	15,719	548 L	111,466
30	84,445 L	10,455	15,552 L	551	111,003 L
Sunday					
Average, March, 1935	90,766	10,400	16,535	593	118,294
Average, February, 1935	99,402	10,575	17,558	627	128,162
Average, March, 1934	120,676	18,449	20,061	1,264	160,450

H-highest; L-lowest.

(1) All Durum



Table 5. WHEAT: Daily high, low and closing prices of various futures, Chicago Board of Trade during March, 1935.

(In cents per bushel)

FUTURE

Date	M A Y			:	J U L Y		
	High	Low	Closing		High	Low	Closing
March, 1935				:			
1	98 1/8	97	98-98 1/8	:	92 7/8	91 7/8	92 5/8-3/4
2	98 1/4 H	97 5/8	97 7/8-3/4	:	93	92 1/4	92 3/8-1/4
Sunday				:			
4	97 1/2	96 3/4	97 1/8-97	:	91 7/8	91 1/8	91 1/2-1/4
5	96 7/8	95 3/4	96-95 7/8	:	91 1/2	90 1/2	90 5/8-1/2
6	97 5/8	94 3/4	95-95 1/8	:	92 1/2	89 3/8	89 1/2-5/8
7	96 1/4	95 1/8	96 1/8-96	:	90 7/8	89 3/4	90 3/4-7/8
8	96 3/8	95 5/8	96 3/8-1/4	:	90 7/8	90 3/8	90 7/8-3/4
9	96 1/8	95 1/8	95 5/8-1/2	:	90 7/8	89 7/8	90 5/8-1/2
Sunday				:			
11	95	92 1/2	93 3/4-5/8	:	90	87 7/8	89-88 7/8
12	94 1/8	93	93 1/2-1/4	:	89 3/8	88 1/4	88 7/8-3/4
13	94	92 3/4	93 7/8-3/4	:	89 3/4	88 1/4	89 3/4-5/8
14	94	92 1/4	92 3/8-1/2	:	89 7/8	88 3/8	88 1/2-5/8
15	93 3/8	91 3/4	92 7/8-3/4	:	90 1/8	88 1/8	89 1/2-3/8
16	93 3/8	92	92 1/8-1/4	:	90 1/8	89	89-89 1/8
Sunday				:			
18	91 1/2	90 1/2 L	91 1/8-91	:	88 7/8	87 5/8 L	88 5/8-1/2
19	92	91	91 3/4-5/8	:	89 1/8	88 1/2	88 7/8-3/4
20	93 3/4	91 7/8	93 1/2-3/4	:	91 1/4	89 1/8	91-91 1/8
21	94 5/8	93	94-94 1/8	:	92 3/8	90 1/2	91 5/8-3/4
22	95 3/8	94 1/4	95 1/4-3/8	:	92 3/4	91 5/8	92 1/4-3/8
23	95	94	94 1/8-94	:	91 3/4	91	91 1/4-1/8
Sunday				:			
25	94	93	93 3/4-7/8	:	91 3/4	90 1/2	91 1/2-5/8
26	94 1/2	93 3/4	93 7/8-3/4	:	92 1/4	91 5/8	91 7/8-3/4
27	95 7/8	94 1/2	95 1/4-1/8	:	93 3/4 H	92 3/8	93 3/8-1/8
28	95 1/2	94 5/8	94 3/4-5/8	:	93 1/2	92 1/2	92 5/8-1/2
29	95	94 3/8	94 1/2-5/8	:	92 7/8	91 5/8	92-91 7/8
30	95 5/8	94 3/4	95 1/4-3/8	:	92 5/8	92 1/8	92 1/4-3/8
Sunday				:			
Range, March, 1935		7 3/4		:		6 1/8	
Net Change (Adv.				:			
Since 2/28/35(Dec.		2 1/2		:		1/2	
Highest for future,		117		:		100	
Date	August 10, 1934			:	September 25, 1934		
Lowest for future,		90 1/2		:		86 1/8	
Date	March 18, 1935			:	January 15, 1935		

H-highest; L-lowest.

Table 6. WHEAT: Daily closing prices of the May future at Chicago, Minneapolis, Kansas City, Duluth, Winnipeg, Liverpool, and Buenos Aires, during March, 1935. (In cents per bushel)

Date	Chicago	Minneapolis	Kansas City	Duluth(1)	Winnipeg(2)	Liverpool(2)	Buenos Aires
March, 1935							
1	98-98 1/8 H	105 1/4	H	94 3/4 a	119 3/4 b	83 7/8 b	70 5/8
2	97 7/8-3/4	105		94 7/8 a H	119 1/8 b H	83 3/4= b	71 1/8
Sunday							
4	97 1/8-97	104 1/8		94 b	113 1/4 a	83 1/8 b	71 5/8
5	96-95 7/8	102 7/8		92 7/8=	112 1/4	82 1/4 b	71 1/8
6	95-95 1/8	103 3/8		92 1/4	118 1/4	81 7/8=	70 7/8
7	96 1/8-96	105		93	117 b	82 1/2= b	71 1/4
8	96 3/8-1/4	103 1/4		93 1/2 a	116 3/4 a	83 5/8 b	70 3/4
9	95 5/8-1/2	102 3/4		92 3/8	116 3/4 b	82 1/8	70 1/2
Sunday							
11	93 3/4-5/8	101 1/4		91 1/8	114 1/2 a	82 3/4= b	69 3/4
12	93 1/2-1/4	101 1/8		90 5/8-5/8=	112 3/4 a	82 1/4	69 3/8 L
13	93 7/8-3/4	101 5/8		91 1/4 a	112 1/4 b	82 1/4= b	70 1/4
14	92 3/4-1/2	100 3/8		90 1/4	111 1/4 b	82 5/8	71 1/4
15	92 7/8-3/4	100 7/8		90 7/8	111 1/4 b	82 5/8 b	71 1/4
16	92 1/8-1/4	100 1/8		89 7/8	111 a	82 1/2 b	72
Sunday							
18	91 1/8-91 L	99 3/8	L	89 1/4 a L	108 1/4 a	81 7/8= b	L 71 3/8
19	91 3/4-5/8	100 1/8		89 3/4 a	107	82 3/8=	71 7/8
20	93 1/2-3/4	101 5/8		93-92 7/8	107 3/4 b	82 7/8= b	72 3/4
21	94-94 1/8	102 1/8		92 5/8 a	109 3/8 b	83 1/4 b	73 1/8
22	95 1/4-3/8	103 3/8		93 1/2	110 1/2 b	84 1/8= b	75
23	94 1/8-94	102 3/4		93 a	112 b	83 7/8=	75 1/4
Sunday							
25	93 3/4-7/8	102 1/4		92 5/8	108 1/2	83 3/4	74
26	93 7/8-3/4	102 5/8		93	109 1/2 b	84	75
27	95 1/4-1/8	104		94 3/8 a	110 1/2 a	84 5/8 b	76 5/8 H
28	94 3/4-5/8	103 3/4		94 3/8	109 a	84 3/8=	76 1/8
29	94 1/2-5/8	103 3/4		93 7/8	108 b	84 3/8= b	75 3/8
30	95 1/4-3/8	104 1/2		94 5/8 a	109 1/4 a	84 3/4 b H	75 3/4
Sunday							
Range, March, 1935	7 1/8	5 7/8		5 5/8	12 1/8	2 3/4	7 1/4
Net Change (Adv.)						1 1/4	4 1/4
Since 2/28/35(Dec. 2 1/2)		5/8		1/8	9 3/4		
Average Spread (Over Chicago)	8				18		
(Under Chicago)						11 1/4	22
							37 7/8

H-Highest; L-lowest; a-asked; b-bid; =(equal sign)-split.

(1) Durum Prices. (2) See Note on last page of this report.

Table 7. CORN: Daily volume of trading (sales)  
Chicago Board of Trade, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)

Date	F U T U R E				All Corn futures
	March	May	July	Sept.	
March, 1935					
1	0	3,331	1,067	563	4,961
2	0	2,778	1,007	333	4,118
Sunday					
4	0	3,886	1,191	308	5,385
5	0	7,966	3,333	650	11,949
6	0	11,728 H	4,510 H	1,322	17,560 H
7	0	4,512	1,360	501	6,373
8	0	2,753	1,021	151 L	3,925 L
9	0	4,799	1,203	334	6,336
Sunday					
11	10	11,020	3,844	1,518	16,392
12	0	5,980	2,283	835	9,098
13	0	4,909	1,588	693	7,190
14	0	5,463	2,067	1,156	8,686
15	0	6,074	1,849	888	8,811
16	0	5,326	2,024	708	8,258
Sunday					
18	5	7,595	3,811	1,508	12,919
19	0	5,593	1,698	927	8,278
20	0	5,547	2,376	1,002	8,925
21	100 H	6,438	2,547	2,091 H	11,176
22	5	4,408	1,759	1,115	7,287
23	75	3,138	2,246	1,647	7,106
Sunday					
25	0	3,382	2,110	1,165	6,657
26	20	2,481 L	1,393	1,074	4,968
27	0	5,332	2,412	1,276	9,020
28	0	3,481	1,831	853	6,165
29	0 L	2,897	823 L	443	4,163
30	5	3,906	1,023	699	5,636
Sunday					
Total, March, 1935	220	134,923	52,379	23,820	211,342
Total, February, 1935	---	106,628	33,811	9,833	150,277
Total, March, 1934	---	43,749	20,236	4,209	68,194

H-highest; L-lowest.

Table 8. CORN: Daily volume of trading (sales)  
all futures combined, at Chicago and  
Kansas City, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)			
Date	Chicago Board of Trade	Kansas City Board of Trade	Total
March, 1935			
1	4,961	249	5,210
2	4,118	268	4,386
Sunday			
4	5,385	293	5,678
5	11,949	809	12,758
6	17,560 H	901	18,461 H
7	6,373	386	6,759
8	3,925 L	269	4,194 L
9	6,336	456	6,792
Sunday			
11	16,392	1,112 H	17,504
12	9,098	530	9,628
13	7,190	440	7,630
14	8,686	412	9,098
15	8,811	404	9,215
16	8,258	492	8,750
Sunday			
18	12,919	908	13,827
19	8,278	415	8,693
20	8,925	605	9,530
21	11,176	726	11,902
22	7,297	411	7,698
23	7,106	249	7,355
Sunday			
25	6,657	426	7,083
26	4,968	402	5,370
27	9,020	695	9,715
28	6,165	638	6,803
29	4,163	203 L	4,366
30	5,636	360	5,996
Sunday			
Total, March, 1935	211,342	13,059	224,401
Total, February, 1935	150,277	8,738	159,015
Total, March, 1934	68,194	4,253	72,447
H-highest; L-lowest.			



Table 9. CORN: Daily open commitments of Clearing  
Members, Chicago Board of Trade, during  
March, 1935.

(In thousands of bushels, i.e., 000 omitted)

Date	F U T U R E				All Corn Futures
	March	May	July	Sept.	
March, 1935					
1	15	38,481 H	20,108	4,183	62,787
2	15	38,465	20,133 H	4,179 L	62,792 H
Sunday					
4	15	37,864	20,033	4,290	62,202
5	15	36,626	19,982	4,415	61,038
6	15	35,982	19,682	4,610	60,289
7	15	35,848	19,498	4,701	60,062
8	15	35,452	19,442	4,705	59,614
9	15	34,995	19,455	4,703	59,168
Sunday					
11	15	34,011	19,089	4,935	58,050
12	15	33,438	18,991	4,973	57,417
13	15	33,491	18,873	5,147	57,526
14	10	33,325	19,053	5,413	57,801
15	10	33,337	18,992	5,474	57,813
16	10	32,684	18,741	5,676	57,111
Sunday					
18	10	31,805	18,228	5,914	55,957
19	5	31,600	18,231	6,072	55,908
20	5	31,222	18,347	6,194	55,768
21	80	30,896 L	18,087	6,701	55,764 L
22	80 H	31,032	17,886	6,919	55,917
23	0	31,110	18,034	7,297	56,441
Sunday					
25	0	31,159	18,093	7,399	56,651
26	20	31,160	18,015	7,467	56,662
27	0	31,130	17,765	7,479 H	56,374
28	0	31,160	17,635	7,443	56,238
29	0	31,348	17,634 L	7,387	56,369
30	0 L	31,508	17,677	7,442	56,627
Sunday					
Average					
March, 1935	---	33,428	18,758	5,212	58,013
Average,					
February, 1935	---	41,091	19,574	3,537	64,216
Average,					
March, 1934	---	69,726	24,219	2,604	96,549
H-highest; L-lowest.					

Table 10. CORN: Daily open commitments of Clearing Members, all futures combined, at Chicago and Kansas City, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)			
Date	Chicago Board of Trade	Kansas City Board of Trade	Total
March, 1935			
1	62,787	3,378	66,165
2	62,792 H	3,399	66,191 H
Sunday			
4	62,202	3,420 H	65,622
5	61,038	3,345	64,383
6	60,289	3,313	63,602
7	60,062	3,286	63,348
8	59,614	3,216	62,830
9	59,168	3,173	62,341
Sunday			
11	58,050	3,125	61,175
12	57,417	3,075	60,492
13	57,526	3,142	60,668
14	57,801	3,092	60,893
15	57,813	3,035	60,848
16	57,111	3,033	60,144
Sunday			
18	55,957	2,934 L	58,891
19	55,908	2,982	58,890
20	55,768	3,057	58,825
21	55,764 L	3,048	58,812 L
22	55,917	3,045	58,962
23	56,441	3,074	59,515
Sunday			
25	56,651	3,072	59,723
26	56,662	3,128	59,790
27	56,374	3,136	59,510
28	56,238	3,110	59,348
29	56,369	3,113	59,482
30	56,627	3,090	59,717
Sunday			
Average,			
March, 1935	58,013	3,147	61,160
Average,			
February, 1935	64,216	3,288	67,504
Average,			
March, 1934	96,549	4,984	101,533
H-highest; L-lowest.			



Table 11. CORN: Daily high, low and closing prices  
of various futures, Chicago Board of Trade,  
during March, 1935.

(In cents per bushel)							
F U T U R E							
Date	M A Y			:	J U L Y		
	High	Low	Closing	:	High	Low	Closing
March, 1935				:			
1	84 1/2	83 3/4	84 3/8-1/2	:	80	79 1/8	79 7/8-80
2	84 3/4 H	83 7/8	84 1/8-84	:	80 1/8 H	79 5/8	79 3/4
Sunday				:			
4	83 3/4	83 1/8	83 3/8-1/2	:	79 1/2	79 1/8	79 3/8
5	83 3/8	81 7/8	82 1/4-1/8	:	79 1/4	77 1/2	77 3/4-5/8
6	84 1/4	81	81 3/8-1/8	:	80	76 3/4	77 1/4-1/8
7	82 1/2	81 1/2	82 1/4-3/8	:	78 1/2	77 3/8	78 1/4-3/8
8	82 3/4	81 7/8	82 1/8-82	:	78 3/8	77 7/8	78
9	81 3/4	80 7/8	81 1/8-81	:	77 5/8	77 1/8	77 3/8-1/4
Sunday				:			
11	80 5/8	78 1/8	79 1/8-79	:	76 7/8	74 1/4	75 1/8-75
12	79 3/4	78 1/2	79 1/8-1/4	:	75 3/4	74 5/8	75-75 1/8
13	80	78 7/8	79 7/8-80	:	75 7/8	74 7/8	75 3/4-7/8
14	80 1/8	78 1/2	78 7/8-3/4	:	76	74 1/8	74 1/2-5/8
15	79 5/8	78 1/8	79 1/8-1/4	:	75 3/8	74	74 7/8-75
16	79 1/4	77 3/8	77 1/2-3/8	:	74 7/8	73 3/8	73 1/2-3/8
Sunday				:			
18	77 3/8	76 1/8 L	76 3/4-5/8	:	73 1/8	71 1/2 L	72 5/8-1/2
19	77 7/8	76 3/4	77 3/8-1/4	:	73 5/8	72 5/8	73 1/4-1/8
20	73 7/8	77 3/8	78 3/4-7/8	:	74 7/8	73 1/2	74 3/4-7/8
21	79 1/4	77 1/4	78 1/8-78	:	75	73 1/8	73 3/4
22	79	77 7/8	78 5/8-3/4	:	74 5/8	73 3/4	74 1/8-1/4
23	78 1/2	77 1/2	77 7/8-3/4	:	74 1/8	72 1/4	72 7/8-3/4
Sunday				:			
25	77 7/8	77	77 5/8-3/4	:	72 3/4	71 3/4	72 1/4-3/8
26	78 1/4	77 5/8	77 7/8-78	:	73	72 1/2	72 7/8-73
27	79 7/8	78 1/4	79 1/4	:	74 7/8	73 1/4	74 1/8-74
28	79 3/4	78 5/8	78 7/8-3/4	:	74 1/2	73 1/2	73 5/8-1/2
29	79 3/8	78 5/8	79 1/4-3/8	:	74 1/8	73 1/2	73 3/4-7/8
30	80 5/8	79 1/2	80 1/4-3/8	:	74 7/8	74 1/8	74 3/8-1/2
Sunday				:			
Range, March, 1935	8 5/8			:		8 5/8	
Net Change (Adv.				:			
Since 2/28/35(Dec.		4 1/4		:		5 1/4	
Highest for future,		93 1/4		:		90 1/2	
Date	December 5 & 7, 1934			:	December 5, 1934		
Lowest for future,		75		:		71 1/2	
Date	October 4, 1934			:	March 18, 1935		
H-highest; L-lowest.				:			

H-highest; L-lowest.

Table 12. CORN: Daily closing prices of the May future at Chicago, Kansas City and Buenos Aires during March, 1935.

(In cents per bushel)

Date	Chicago	Kansas City	Buenos Aires
March, 1935			
1	84 3/8-1/2 H	85 5/8 H	39 1/4 H
2	84 1/8-84	85 3/8	Holiday
Sunday			
4	83 3/8-1/2	84 3/4	Holiday
5	82 1/4-1/8	83 5/8 b	Holiday
6	81 3/8-1/8	83	38 1/2
7	82 1/4-3/8	83 7/8	38 3/8
8	82 1/8-82	83 1/2= a	38 1/4
9	81 1/8-81	82 1/2-3/8=	38 3/8
Sunday			
11	79 1/8-79	80 3/4	38 1/4
12	79 1/8-1/4	80 1/2	38
13	79 7/8-80	81 3/8 a	38
14	78 7/8-3/4	80 1/4= b	38 1/4
15	79 1/8-1/4	80 3/4 a	38 1/4
16	77 1/2-3/8	79 1/8	38 1/4
Sunday			
18	76 3/4-5/8 L	78 3/8 L	38 1/4
19	77 3/8-1/4	79=	Holiday
20	78 3/4-7/8	81= b	38 5/8
21	78 1/8-78	80 1/2= a	---
22	78 5/8-3/4	80 3/4= a	38 3/4
23	77 7/8-3/4	80 1/8	38 3/8
Sunday			
25	77 5/8-3/4	79 3/4= b	37 1/2
26	77 7/8-78	80 7/8 b	37 1/2 L
27	79 1/4	82 1/2 a	37 5/8
28	78 7/8-3/4	81 7/8	37 5/8
29	79 1/4-3/8	82	37 3/4
30	80 1/4-3/8	82 7/8	37 7/8
Sunday			
Range, March, 1935	7 7/8	7 1/4	1 3/4
Net Change (Adv. Since 2/28/35)	4 1/4	3	1 1/4
Average Spread (Over Chicago)		2	
(Under Chicago)			41 5/8

H-highest; L-lowest; a-asked; b-bid; =(equal sign)-split.

Table 13. OATS: Daily volume of trading (sales)  
all futures combined at Chicago and  
Minneapolis, during March, 1935.

(In thousands of bushels. i.e., 000 omitted)			
Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Total
March, 1935			
1	800	81	881
2	442 L	72	514 L
Sunday			
4	1,721	87	1,808
5	1,649	238	1,887
6	3,009	292	3,301
7	1,214	131	1,345
8	597	114	711
9	995	121	1,116
Sunday			
11	3,447	322	3,769
12	1,622	181	1,803
13	1,935	165	2,100
14	1,859	179	2,038
15	2,444	217	2,661
16	2,680	291	2,971
Sunday			
18	4,617 H	708 H	5,325 H
19	2,078	312	2,390
20	1,520	277	1,797
21	2,741	265	3,006
22	1,184	212	1,396
23	1,225	112	1,337
Sunday			
25	992	164	1,156
26	959	125	1,084
27	1,543	290	1,833
28	907	195	1,102
29	782	168	950
30	684	68 L	752
Sunday			
Total, March, 1935	43,646	5,387	49,033
Total, February, 1935	27,159	3,963	31,122
Total, March, 1934	44,533	6,035	50,568

H-highest; L-lowest.

Table 14. OATS: Daily open commitments of Clearing Members, all futures combined, at Chicago and Minneapolis, during March, 1935.

(In Thousands of bushels, i.e., 000 omitted)			
Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Total
March, 1935			
1	22,802	2,026	24,828
2	22,806	2,030 H	24,836
Sunday			
4	22,836 H	2,019	24,855 H
5	22,613	1,994	24,607
6	22,434	1,923	24,357
7	22,448	2,019	24,467
8	22,459	2,020	24,479
9	22,518	2,021	24,539
Sunday			
11	22,452	1,959	24,411
12	22,219	1,953	24,172
13	22,670	1,942	24,612
14	22,568	1,891	24,459
15	22,543	1,874	24,417
16	22,582	1,804	24,386
Sunday			
18	21,593	1,780	23,373
19	21,463	1,811	23,274
20	21,444	1,842	23,286
21	21,389	1,867	23,256
22	21,412	1,834	23,246
23	21,323	1,811	23,134
Sunday			
25	21,188	1,771	22,959
26	21,112	1,761	22,873
27	21,101	1,750 L	22,851
28	21,031	1,774	22,805
29	20,896	1,818	22,714
30	20,754 L	1,810	22,564 L
Sunday			
Average, March, 1935	21,948	1,889	23,837
Average, February, 1935	23,846	1,957	25,803
Average, March, 1934	56,582	7,035	63,623
H-highest; L-lowest.			

Table 15. OATS: Daily closing prices of the May  
future at Chicago, Minneapolis and  
Winnipeg, during March, 1935.

(In cents per bushel)

Date	Chicago	Minneapolis	Winnipeg(1)
March, 1935			
1	50 1/2-5/8 H	51 1/8 H	41 1/2 b
2	50 3/8 b	50 7/8= b	41 1/2 H
Sunday			
4	49 3/4 a	50 1/4= a	40 3/4=
5	48 3/4 b	49= b	40= b
6	48 1/4-3/8	48 5/8	40=
7	48 7/8-49	49 1/4 b	40 1/8=
8	49 a	49 3/8	40 1/2= b
9	48 5/8-1/2	48 7/8	40 5/8
Sunday			
11	47 1/4-3/8	47 5/8 b	39 7/8
12	46 7/8-47	47 1/4= b	39 1/4
13	47 1/8-1/4	47 3/8= b	39 1/2
14	46 5/8-1/2	46 7/8 a	38 3/4=
15	46 1/4-1/8	46 3/8 a	38 1/2
16	43 3/4-7/8	44 5/8 a	37 3/4=
Sunday			
18	42 3/4-5/8 L	43 L	35 3/4= L
19	42 7/8-3/4	43 1/2= a	36 7/8= b
20	43 7/8-3/4	44 3/4 a	38 3/8
21	43 7/8-44	44 1/8= a	37 3/4=
22	44 1/4 b	44 5/8	38 5/8
23	43 1/2	43 7/8 a	38 1/4 b
Sunday			
25	43 3/8-1/2	43 5/8	38 1/4 a
26	43 5/8	44 b	38 5/8=
27	44 5/8-1/2	45 1/4 a	39 7/8=
28	44 3/8 b	45 b	39 1/2=
29	44 3/8 a	44 7/8= a	39 5/8
30	44 3/4 b	45 1/4	39 7/8
Sunday			
Range, March, 1935	7 7/8	8 1/8	5 3/4
Net Change (Alv.			
Since 2/23/35 (Dec.	6	5 3/4	1 5/8
Average Spread (Over Chicago		3/8	
(Under Chicago			6 7/8

H-highest; L-lowest; a-asked; b-bid; =(equal sign)-split.

(1) See note on last page of this report.



Table 16. RYE, BARLEY, and FLAX: Daily volume of trading (sales) all futures combined, at certain specified markets, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)						
Date	R Y E		:	B A R L E Y		F L A X
	Chicago	Minneapolis		Chicago	Minneapolis	Duluth
March, 1935			:			
1	447	55	:	0	51	1
2	433	57	:	0	57	0
Sunday			:			
4	364	67	:	0	57	0
5	559	40	:	0	34 L	0
6	1,038	116	:	10	83	0
7	411	25 L	:	5	67	1
8	342	30	:	0	49	0
9	247 L	37	:	5	51	0
Sunday			:			
11	1,349	79	:	50 H	131	0
12	1,164	146	:	19	56	0
13	1,602	101	:	5	114	0
14	1,602	126	:	15	236 H	0
15	2,222 H	259	:	15	179	1
16	646	124	:	5	82	0
Sunday			:			
18	2,215	363 H	:	9	133	0
19	1,118	100	:	0	126	0
20	961	172	:	0	111	0
21	1,407	150	:	0	54	1
22	1,071	87	:	0	107	1
23	586	81	:	0	81	0
Sunday			:			
25	599	71	:	5	71	0
26	691	58	:	40	53	0
27	947	75	:	25	171	0
28	2,148	93	:	11	78	0
29	699	82	:	10	61	2 H
30	562	44	:	0 L	41	0 L
Sunday			:			
Total,			:			
March, 1935	25,430	2,638	:	229	2,334	7
Total,			:			
February, 1935	14,760	2,316	:	127	1,426	10
Total,			:			
March, 1934	8,150	790	:	1,075	3,105	180

H-highest; L-lowest.



Table 17. RYE, BARLEY and FLAX: Daily open commitments of Clearing Members, all futures combined, at certain specified markets, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)

Date	R Y E		:	B A R L E Y		:	F L A X
	Chicago	Minneapolis	:	Chicago	Minneapolis	:	Duluth
March, 1935			:			:	
1	18,897	1,756	:	262	959	:	41
2	18,960	1,748	:	262	977	:	41
Sunday			:			:	
4	18,838	1,733	:	262	981	:	41
5	18,881	1,716	:	262	967	:	41
6	18,634 L	1,723	:	257	948	:	41 H
7	18,653	1,742	:	262	991 H	:	40
8	18,676	1,748	:	262	982	:	40
9	18,694	1,744	:	262 H	974	:	40
Sunday			:			:	
11	18,710	1,737	:	232	941	:	40
12	18,642	1,724	:	234	942	:	40
13	18,782	1,705 L	:	229	945	:	40
14	18,889	1,728	:	229	899	:	40
15	18,780	1,741	:	224	880	:	39
16	18,789	1,774	:	219	861	:	39
Sunday			:			:	
18	18,708	1,795	:	219	836	:	39
19	18,833	1,824	:	219	850	:	39
20	18,968	1,838	:	219	863	:	39
21	18,961	1,849	:	219	853	:	39
22	18,843	1,841	:	219	838	:	39
23	18,952	1,834	:	219	871	:	39
Sunday			:			:	
25	18,967	1,831	:	219	863	:	39
26	18,999	1,830	:	219	865	:	39
27	19,121	1,829	:	219	843	:	39
28	19,195	1,852	:	214	821 L	:	39
29	19,228	1,852 H	:	214	832	:	39
30	19,315 H	1,845	:	214 L	842	:	39 L
Sunday			:			:	
Average, March, 1935	18,881	1,782	:	234	903	:	40
Average, February, 1935	18,152	1,803	:	255	944	:	43
Average March, 1934	19,524	2,451	:	2,342	4,365	:	296

H-highest; L-lowest.

Table 18. RYE, BARLEY and FLAX: Daily closing prices of the May future at Chicago, Minneapolis, Winnipeg and Duluth, during March, 1935. (In Cents per bushel)

Date	R Y E			B A R L E Y			F L A X		
	Chicago	Minneapolis	Winnipeg(1)	Chicago	Minneapolis	Winnipeg(1)	Duluth	Winnipeg(1)	
March, 1935									
1	65 a	64 1/2	H	75 a	70 1/4 a	H 50 3/8=	H	182 n	H 143 5/8 b
2	65 1/8 b	H 64 3/8 b		75 a	H 69 3/4	50 1/8= b		179 a	144 3/4 b
Sunday									
4	64 1/8 b	63 7/8 a		75 1/2 a	69 b	49 1/2= b		176 a	143 1/4=
5	63 3/8-1/4	62 7/8 b		74 a	67 5/8	48 1/4		178	141 1/4 b
6	62 1/2 b	62 1/8 b		74 a	66 3/4	47 7/8 b		178	141 1/2= b
7	63 3/8	62 7/8 b		73 1/2 a	67 1/8	47 3/4=		175 1/2	141 3/4 b
8	63 3/8	63 b		73 1/2 a	67 1/4	48 1/4=		176 1/2 b	142 1/2
9	62 3/4 b	62 1/2		72	66 1/8 a	48 1/4=		176 1/2 n	142 1/4 b
Sunday									
11	61 1/2	61 1/8 a		69 1/2 a	64 1/2	47 5/8 b		176 1/2 n	140 1/2= b
12	60 1/4	60 1/4 b		67 1/2 b	63 3/4 b	46 3/8=		176 1/2 n	138 5/8
13	59 1/2	59 1/2		67 a	62 1/4	45 3/8= b		176 1/2 n	138 1/4=
14	57 3/4	57 3/4 b		65 b	59 1/2 a	45 3/8		176 1/2 n	137 1/2= b
15	57 1/8 a	55 7/8 a		64	58 5/8 a	44 3/4= b		174	137 1/2 b
16	56 1/4	56 1/8 a		64	57 7/8	43 7/8= a		174 n	138 3/4
Sunday									
18	53 7/8	54 a	L	62 b	56 3/4 a	L 41 5/8	L	172 a	133 1/4 a
19	54 1/8	54 1/2 a		62 b	L 57 a	43		172 b	133 1/2= b
20	55 1/4 b	56 b		63 1/4 b	58 3/4 b	44 7/8		172 n	135 3/8= b
21	55 1/5 b	55 1/4		63 1/4 n	58 5/8 b	44 1/2		172 L	135 1/2
22	56 1/4-56	56 7/8 b		63 1/2 b	59 a	45 5/8=		172 1/2	137= b
23	55 1/4 b	55 3/4 a		63 1/2 b	57 3/4 b	44 7/8 b		172 1/2 n	136 7/8 b
Sunday									
25	55 1/2 b	55 1/2 a		63 1/2 b	57 3/4 a	44 1/2= b		174 b	136 3/4= b
26	55 1/4 b	55 7/8 a		67 3/4 b	58 7/8	44 3/4= b		174 b	136 1/2=
27	56	56 3/4		63 3/4 b	61 1/2	45 7/8=		174 3/4 b	141 1/2 b
28	54 3/8	55 1/8 b		69	61 1/2	45 1/4 b		174 1/4 a	140 1/4 b
29	53 7/8 b	L 55 1/4 b		68 1/2	61 3/4	45 1/4 b		174 1/4 b	140 1/8= b
30	54 5/8 b	55 7/2 a		69 b	62 3/8 a	45 3/4		179 1/2 b	140 3/4 b
Sunday									
Range, March, 1935	11 1/4	10 1/2		14	13 1/2	8 7/8		10	11 1/2
Net Change (Adv.)									
Since 2/28/35(Dec. 10 1/8	8 1/2	5		7	7 7/8	4 5/8		2 1/2	3 1/2
Average Spread(Over Chicago	1/8								
(Under Chicago	8 1/8				5 7/8	22			

H-highest; L-lowest; a-asked; b-bid; =(equal sign)-split; n-nominal. (1) See Note on last page of this report.

Table 19. ALL GRAINS: Daily volume of trading  
(sales) all futures combined at four  
principal markets, during March, 1935.

(In thousands of bushels, i.e., 000 omitted)					
Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Kansas City Board of Trade	Duluth Board of Trade	Total
March, 1935					
1	14,680	932	1,393	3	17,008
2	11,687	650	1,008 L	4	13,349
Sunday					
4	16,085	775	1,022	6	17,888
5	26,127	1,034	1,980	0	29,141
6	49,388 H	1,889	2,925	0 L	54,202 H
7	20,326	1,139	1,244	16	22,725
8	11,159 L	616 L	1,420	11	13,206 L
9	15,174	649	1,044	24	16,891
Sunday					
11	44,871	2,092	2,879	39	49,881
12	28,144	1,451	1,508	11	31,114
13	22,690	1,117	1,394	20	25,221
14	25,642	1,456	1,589	9	28,696
15	32,888	1,971	2,539	20	37,418
16	23,897	1,169	1,870	9	26,945
Sunday					
18	40,747	2,703 H	2,420	38	45,908
19	22,289	1,311	1,307	64	24,971
20	30,468	1,547	3,149 H	30	35,194
21	40,349	2,185	2,938	76 H	45,548
22	29,980	1,288	2,636	41	33,945
23	19,428	962	1,383	1	21,774
Sunday					
25	21,239	970	1,748	19	23,976
26	16,715	884	1,458	5	19,062
27	29,160	1,730	1,918	17	32,825
28	21,355	1,184	3,125	11	25,675
29	14,800	1,104	1,514	20	17,438
30	14,156	839	1,436	9	16,440
Sunday					
Total	643,444	33,647	48,847	503	726,441
Average	24,748	1,294	1,879	19	27,940

H-highest; L-lowest.

Table 20. WHEAT, CORN, OATS, RYE, BARLEY, and FLAX: Total volume of trading (sales) at all contract markets during March, 1935.

(In thousands of bushels, i.e., 000 omitted)

Market	Wheat	Corn	Oats	Rye	Barley	Flax	Total All Grains
Chicago Board of Trade	362,797	211,342	43,646	25,430	229	---	643,444
Chicago Open Board	9,646	2,345	313	641	---	---	12,945
Minneapolis Chamber of Commerce	23,024	0	5,387	2,638	2,334	264	33,647
Kansas City Board of Trade	35,788	13,059	0	---	---	---	48,847
Duluth Board of Trade	496(1)	---	---	0	0	7	503
St. Louis Merchants Exchange	38	116	---	---	---	---	154
Milwaukee Grain & Stock Exchange	679	930	314	223	11	---	2,157
Seattle Grain Exchange	125	---	---	---	---	---	125
Portland Grain Exchange	17	---	---	---	---	---	17
San Francisco Chamber of Commerce	---	---	---	---	20	---	20
Los Angeles Grain Exchange	---	---	---	---	0	---	0
New York Produce Exchange	0	---	---	---	---	---	0
Hutchinson Board of Trade Association	28	---	---	---	---	---	28
Total All Markets March, 1935	432,636	227,792	49,660	28,932	2,594	271	741,887
Total All Markets February, 1935	280,137	161,519	31,506	17,496	1,553	193	492,404
Total All Markets March, 1934	372,829	73,833	51,041	9,095	4,206	414	511,418

(1) All Durum.



Deliveries of grain and flaxseed on the 1934 December future, for all contract markets and their relation to the volume of trading.

# 1934 DECEMBER WHEAT FUTURE

Market	Total quantity sold during life of future	Volume of futures settled by delivery	Total quantity actual wheat delivered	Ratio of total number of bushels actual wheat delivered to volume of futures settled
Chicago Board of Trade(1)	1,578,248	9,298	1,484,362	1 to 1,265
Chicago Open Board(1)	29,809	20	13,000	1 to 2,293
Kansas City	185,572	539	474,000	1 to 392
Hutchinson	92	--	--	--
Minneapolis	115,506	808	553,000	1 to 177
Duluth	4,986	85	85,000	1 to 59
Seattle	727	46	46,000	1 to 16
Portland	453	5	5,000	1 to 91
Milwaukee(1)	3,773	--	--	--
St. Louis	0	--	--	--
New York	0	--	--	--

# 1934 DECEMBER CORN FUTURE

Chicago Board of Trade(1)	978,251	1,890	1,136,003	1 to 861
Chicago Open Board(1)	8,667	--	--	--
Kansas City	57,941	124	92,000	1 to 630
Milwaukee(1)	3,889	--	--	--
Minneapolis	0	--	--	--
St. Louis	0	--	--	--

(1) Old and New Combined.

Deliveries of grain and flaxseed on the 1934 December future, for all contract markets and their relation to the volume of trading.--Cont.

# 1934 DECEMBER OATS FUTURE

Market	Total : quantity : sold during : life of : future : "000" : omitted	Volume of futures : settled by delivery : : Quantity : Percentage of : : "000" : sold during : : omitted : life of future :	Total : quantity : actual : oats : delivered : of future	Ratio of total : number of bushels : number of bushels : actual oats : actual oats : delivered to : delivered to : number of bushels : volume of : sold during life : futures settled : of future : by delivery		
Chicago Board of Trade(1)	215,929	1,127	0.52.	554,998	1 to 389	1 to 2.03
Chicago Open Board(1)	1,638	--	--	--	--	--
Minneapolis	20,365	188	0.92	188,000	1 to 108	1 to 1.00
Milwaukee(1)	1,157	--	--	--	--	--
Kansas City	0	--	--	--	--	--

# 1934 DECEMBER RYE FUTURE

Chicago Board of Trade(1)	95,584	1,488	1.56	1,004,200	1 to 95	1 to 1.48
Chicago Open Board	76	--	--	--	--	--
Minneapolis	10,530	275	2.61	236,000	1 to 45	1 to 1.17
Duluth	369	129	34.96	119,000	1 to 3	1 to 1.08
Milwaukee	485	--	--	--	--	--

# 1934 DECEMBER BARLEY FUTURE

Chicago Board of Trade	5,177	297	5.74	299,157	1 to 17	1 to 1.00
Minneapolis	16,571(2)	587(3)	3.54	579,000	1 to 29	1 to 1.01
Duluth	0	--	--	--	--	--
San Francisco	416	32	7.69	32,000	1 to 13	1 to 1.00
Los Angeles	260	4	1.54	4,000	1 to 65	1 to 1.00
Milwaukee	70	--	--	--	--	--
Minneapolis	2,595	58	2.24	42,000	1 to 62	1 to 1.38
Duluth	620	20	3.23	20,000	1 to 31	1 to 1.00

(1) Old and New Combined.

(2) Includes 27,000 bushels melting barley. (3) Includes 8,000 bushels malting barley.



Note: Because of the wide fluctuations in foreign exchange, which began September 21, 1931, and are still continuing, the Liverpool prices are calculated from the closing price of the pound sterling on the money exchange and the closing price of Liverpool futures on the grain exchange, while the Winnipeg prices are calculated from the closing price on the Winnipeg Grain Exchange and the premiums or discounts on Canadian currency as furnished by one of the large Chicago banks.

The following table shows the reported high, low and closing quotations on the pound sterling, together with the high, low and closing per cent premiums or discounts applied to Canadian currency:

<u>Pound Sterling</u>			:	<u>Canadian Currency</u>		
			:			
	<u>High</u>	<u>Low</u>	<u>Closing</u>	<u>High</u>	<u>Low</u>	<u>Closing</u>
1935				<u>Per Cent</u>	<u>Per Cent</u>	<u>Per Cent</u>
Mar. 1	\$4.84 1/4	\$4.81 1/2	\$4.81 7/8	: 1/4 Dis.	1/8 Dis.	5/32 Dis.
2	4.80	4.77 5/8	4.77 3/4	: 11/32 "	1/4 "	11/32 "
4	4.77 3/4	4.73 1/2	4.77 3/4	: 15/16 "	3/4 "	29/32 "
5	4.78 1/4	4.75 1/2	4.75 7/8	: 1-1/2 "	7/8 "	1-1/2 "
6	4.78 1/2	4.72 1/4	4.74 3/4	: 2-1/2 "	1-3/8 "	1-5/8 "
7	4.78 1/8	4.73 7/8	4.78 1/8	: 1-7/16 "	1-1/8 "	1-1/8 "
8	4.79 3/8	4.77 1/2	4.78 1/2	: 7/8 "	5/8 "	5/8 "
9	4.78	4.75 1/2	4.75 3/4	: 7/8 "	13/16 "	7/8 "
11	4.77 3/4	4.76	4.76	: 15/16 "	3/4 "	15/16 "
12	4.75 1/4	4.73 5/8	4.74 1/4	: 1-3/8 "	1-1/8 "	1-1/4 "
13	4.74 3/4	4.74	4.74 1/4	: 1-3/8 "	1-1/4 "	1-5/16 "
14	4.77 1/4	4.75	4.76 3/4	: 1-1/4 "	1 "	1-1/8 "
15	4.80 1/8	4.77 3/4	4.79 5/8	: 1 "	7/8 "	1 "
16	4.80 7/8	4.79 3/4	4.80 5/8	: 7/8 "	23/32 "	23/32 "
18	4.77 3/8	4.75 7/8	4.76 1/4	: 1-5/32 "	1-1/16 "	1-1/8 "
19	4.78 7/8	4.73 1/2	4.78 1/4	: 1 "	7/8 "	7/8 "
20	4.79	4.76 1/8	4.76 7/8	: 1-5/32 "	1-1/16 "	1-5/32 "
21	4.76 5/8	4.75	4.76	: 1-3/32 "	1 "	1-3/32 "
22	4.78 5/8	4.76 3/4	4.77 1/4	: 15/16 "	11/16 "	11/16 "
23	4.77 3/8	4.76 3/4	4.77 1/8	: 3/4 "	5/8 "	5/8 "
25	4.78 5/8	4.77 3/4	4.78 5/8	: 11/16 "	9/16 "	3/4 "
26	4.79 1/8	4.77 5/8	4.78 3/8	: 7/8 "	3/4 "	3/4 "
27	4.80	4.79 1/8	4.79 3/4	: 19/32 "	9/16 "	17/32 "
28	4.80 3/4	4.80	4.80 5/8	: 9/16 "	1/2 "	17/32 "
29	4.85 3/8	4.80 5/8	4.80 3/4	: 9/16 "	1/2 "	9/16 "
30	4.80 1/2	4.78 1/2	4.80 1/4	: 11/16 "	11/16 "	11/32 "

